

DLUBAL

WEBINAR

The 3 Biggest Time-Wasters in Structural Analysis Solve It Once, Keep Reusing It with DLUBAL CALC



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Today with



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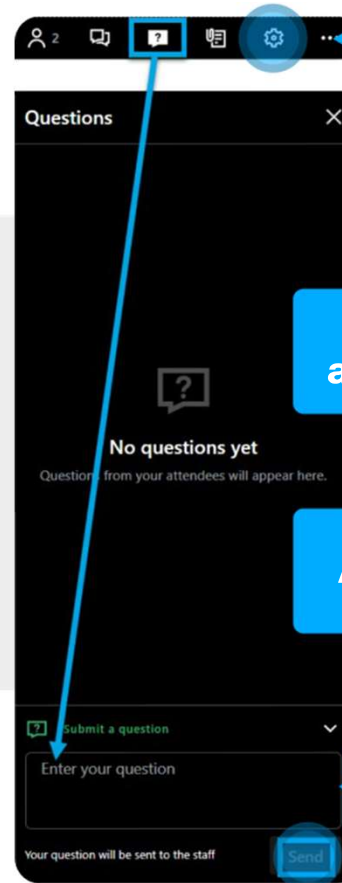
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Questions During the Presentation

1
**Webinar Control
Panel Desktop**



**Adjust
audio settings**

Ask question

or **2**
info@dlubal.com

Content

- 1 Store company knowledge
- 2 Set up recurring tasks once
- 3 Design code knowledge without searching
- 4 When a custom script pays off

Project 1: Industrial platform

Preliminary design of a platform in an industrial hall



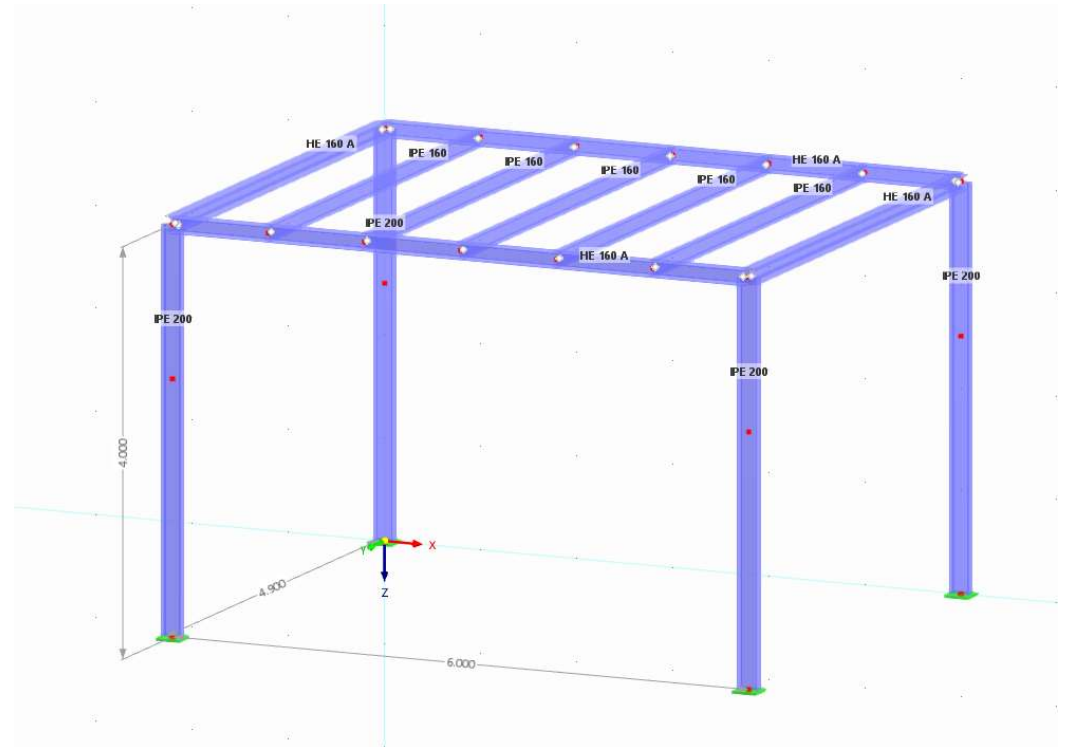
Forklift traffic on the ground floor



Columns preliminarily designed as IPE 200



Used as industrial storage area

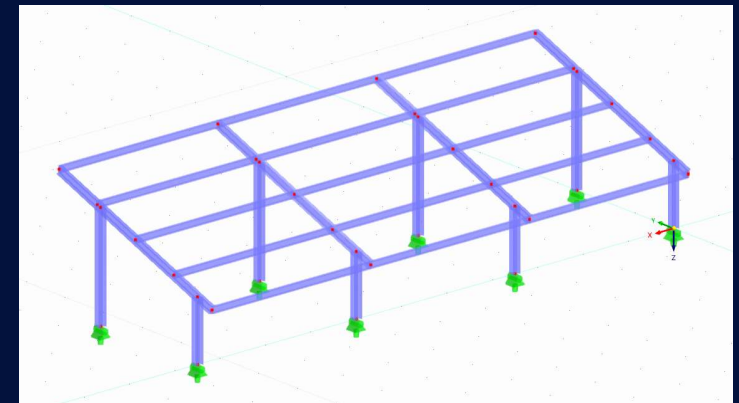
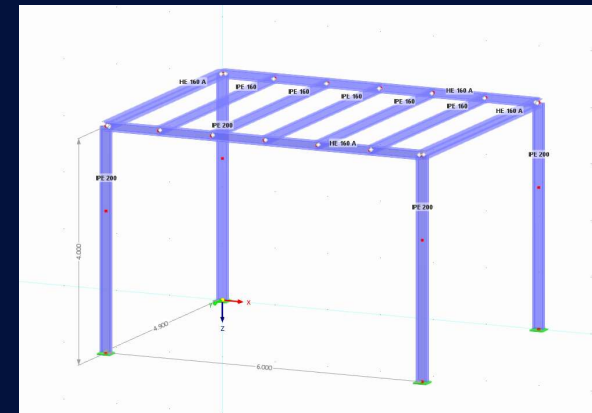


Storage Platform in an industrial building

You will see the workflow step by step:

- 1 Check the preliminary design and find errors
- 2 Member calculations on demand
- 3 Skill setup for the guardrail design check
- 4 Design code knowledge without searching
- 5 Adjust the 3D model in RFEM
- 6 Custom scripts without programming

Live demo



Active company knowledge

Everyday work (challenge)

Sick leave & handovers

Colleagues' calculations are hard to follow.

Knowledge loss & errors

Newcomers make recurring mistakes.



Dlupal Calc (solution)

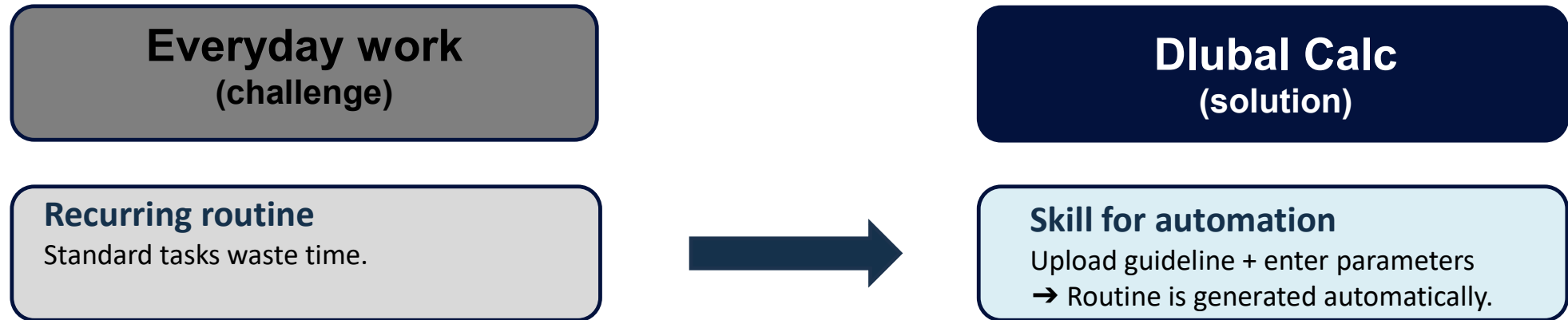
Transparency & explanations

Share chats in the team → AI explains a predecessor's assumptions

Active company knowledge

Store office standards → AI warns about deviations in advance

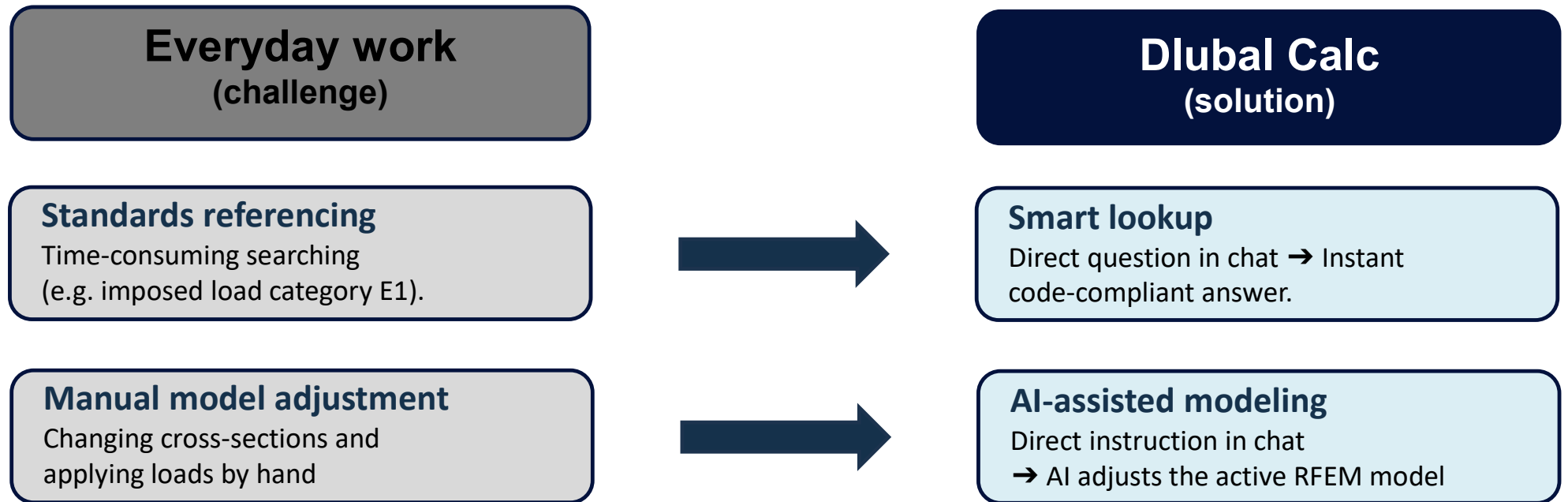
Save recurring tasks as a Skill



Skills

- Specialized capabilities for specific tasks
- A skill provides AI tools to solve specific tasks in a targeted way
- Information on standards, design check procedure, input parameters

Standards & Referencing



Prompt your own tools

Everyday work (challenge)

Missing program features

No native tools for special tasks (PV structures).

Programming barrier

Real automation requires in-depth C# or Python skills



Dlubal Calc (solution)

Prompt your own tools

AI generates code for special tasks
→ Script as a permanent office tool

AI as code generator

Natural language is enough
→ Copy code + adjust variables

Project 2: PV system substructure

Script for parametric model generation



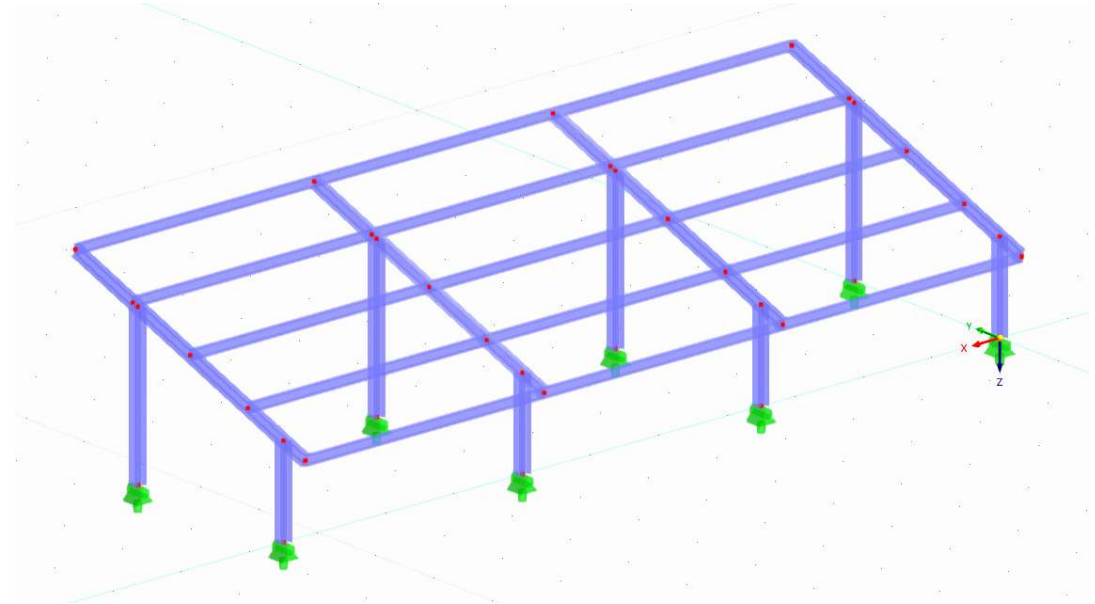
Same topology, varying dimensions



Adjustment via central variables



Automatic model generation without programming skills



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Thank You for Your Attention

